

North Dakota Projects in the FY2009 Omnibus Appropriations Bill

FARGO – MOORHEAD AREA

NDSU Center for Nanoscale Energy -- \$4.76 million

This funding will be used by North Dakota State University (NDSU) to develop new nanomaterials that will help improve energy efficiency and reduce our country's reliance on foreign sources of energy.

I-94 and 9th Street Interchange -- \$950,000

This will be used to construct a new interchange on I-94 at 9th Street in West Fargo. The project is needed due to the present and proposed development on both sides of I-94.

Renewable Energy and Products from North Dakota Biomass -- \$939,000

This funding will be used for a project at NDSU to help identify perennial plant species grown in North Dakota for new biomass opportunities and develop strategies and policies aimed at growing biorenewable industries in the Northern Great Plains and enhancing U.S. agricultural competitiveness.

Fargo Downtown Flood Control Project -- \$478,000

This funding will be used to begin a feasibility study on a Red River flood control project aimed at protecting downtown Fargo from future flooding.

Red River Valley Research Corridor Coordinating Office -- \$380,000

This funding will support the Red River Valley Research Corridor Coordinating Office, which commercializes agriculture and research at North Dakota's colleges and universities. This initiative spearheaded by Senator Dorgan has helped to develop high tech jobs and research capabilities in the Red River Valley.

Cool Season Legume Research -- \$235,000

This funding will allow researchers from NDSU and a five-state region to continue their research to improve plant genetics and crop management, study root disease and new plant varieties, and develop new uses for peas, lentils and chickpeas.

Agricultural Diversity -- \$188,000

This funding will be used to continue a multi-state project that promotes rural development in the Northern Great Plains region. This year's objectives will include expanding production of organic products in the region through training and new market development, and growing renewable energy production by building a more effective and efficient energy delivery system with access to more lucrative markets.

GRAND FORKS AREA

Grand Forks Human Nutrition Center -- \$9.5 million

This funding reverses the wrong-headed decision by President Bush to close the Grand Forks Human Nutrition Center. This funding will support ongoing human nutrition research. In addition,

the Grand Forks Center, one of only six Agricultural Research Service (ARS) centers focused on human nutrition, can benefit from new funds provided in the bill for a new obesity prevention initiative aimed at reducing obesity and the health risks and disease associated with obesity.

EERC Fossil Energy Research and Development -- \$6.3 million

This funding will be used by the Energy and Environmental Research Center (EERC) at the University of North Dakota (UND) to provide advanced clean coal technology and fossil fuel research.

NDSU Center for High Performance Computing -- \$5.7 million

This funding will be used by NDSU to increase supercomputing power at the Center for High Performance Computing. This computing power will support advanced computation applications for science and engineering programs and will provide for advanced networking, modeling and simulation, authentication of users, data mining and database work.

Upper Midwest Aerospace Consortium -- \$3 million

This funding will support research and educational programs at the Upper Midwest Aerospace Consortium (UMAC), a group headquartered at UND. UMAC takes data and research from NASA's satellites and makes it available to citizens in the Northern Great Plains for practical applications such as precision agriculture, land and soil management, and drought and flood mitigation.

National Center for Hydrogen Technology at EERC -- \$2.85 million

This funding will allow the EERC to continue its hydrogen research at the National Center for Hydrogen Technology. Research will expand new technologies to convert coal and other energy sources to hydrogen and develop new innovative methods of storing and transporting hydrogen.

UND Therapeutic Antibodies and Vaccine Research -- \$2.62 million

This funding will be used for a collaborative project by UND, Mayo Clinic, and Avianax, a Midwest biotechnology firm, to research and develop vaccines and antibodies for disease threats including the Avian Flu and West Nile Virus.

Center for Biomass Utilization at the EERC -- \$2 million

This funding will be used for research at the EERC to integrate biomass with fossil fuels in conventional power systems. The research will help develop production of ethanol from cellulosic biomass, advanced methods for biodiesel production and utilization of low-value biodiesel process by-products such as glycerol.

Indians Into Medicine -- \$716,889

This funding will be used by UND's School of Medicine and Health Sciences to help address the shortage of American Indian health professionals by identifying, recruiting, retaining and graduating American Indian medical students. The successful program has graduated 168 medical doctors and 300 health and nursing professionals, of which 72 percent go on to serve American Indian patients and tribal communities.

Grand Forks Flood Control Project -- \$383,000

This funding will be used for final modifications of the flood control system in Grand Forks and East Grand Forks. It will help protect area residents and business from future flooding.

Recruitment and Retention of American Indians Into Nursing -- \$357,700

This funding will be used by UND to address the shortage of American Indian health professionals, as well as the national shortage of nurses, by recruiting American Indian nursing students. The program has graduated 115 baccalaureate nurses and 28 advanced practice nurses, the majority of whom are serving in American Indian communities today

Native Americans into Law -- \$300,000

This funding will support UND's Native Americans into Law program, which helps to recruit and retain American Indian students who are studying law. The funding will be used for scholarships, retention support needs, student outreach, and the Indian law library.

Homme Dam Safety -- \$293,000

This funding will be used for safety repairs to remedy significant erosion on the embankment at Homme Dam, located in Walsh County near Park River and Grafton, North Dakota.

Grand Forks International Airport -- \$285,000

This funding will be used to expand capacity of the Grand Forks International airport.

Indians into Psychology -- \$242,479

This funding will be used to support the Indians into Psychology program at UND, which is aimed at recruiting more American Indian students into the clinical psychology profession.

BISMARCK / MANDAN AREA**United Tribes Technical College -- \$4 million**

This funding will allow United Tribes Technical College (UTTC) in Bismarck to continue its unique mission of educating American Indian students from across the country. For the seventh year in a row, the Bush Administration did not include UTTC in its annual Bureau of Indian Affairs budget. This restoration of funding will allow the college to keep its doors open to its more than 500 college, 100 pre-school and 175 elementary school students. UTTC is the only intertribally controlled postsecondary vocational institution in the country.

Bismarck State College Center of Excellence Laboratories -- \$2.2 million

This funding will be used to construct an Applied Research Center on the fourth floor of the National Energy Center of Excellence to provide the capacity to conduct applied research activities initiated by the Great Plains Energy Corridor. The completion of this project will result in an Applied Research Center that will include office space, an all-inclusive meeting facility, and a technical data center clearinghouse.

Northern Great Plains Research Laboratory in Mandan -- \$511,000

The funding will be used for two research projects at the Northern Great Plains Research Laboratory in Mandan. One project makes satellite imagery available to agricultural producers and land managers in the region to determine best management practices for such things as crop rotation and eradicating invasive species. The other works with ranchers to develop feed management practices that use locally produced feed to prepare livestock for market.

Lake Oahe Recreation Upgrades -- \$300,000

This funding will be used to maintain recreation when Lake Oahe is at low levels. The upgrades include extending boat ramps and improving docks around Lake Oahe.

Great Plains Energy Corridor Coordinating Office -- \$285,450

This funding will be used to develop a Great Plains Energy Corridor Coordinating Office at Bismarck State College to promote and advance the region's energy industry through education, outreach and development. The Coordinating Office will work with energy researchers and industry to develop new and innovative ways to increase production, invest in the region's energy infrastructure, and develop new energy sources specific to the Northern Great Plains.

MINOT AREA**Elbowoods Memorial Health Center -- \$17 million**

This funding will be used by the Corps of Engineers in cooperation with the Three Affiliated Tribes and the Indian Health Service to construct a new health clinic on Fort Berthold Indian Reservation. This helps fulfill a commitment made by the United States in 1949 to the Three Affiliated Tribes to replace vital infrastructure that was destroyed by flooding caused by the construction of the Garrison Dam and Reservoir.

Parshall Water Supply System -- \$8.4 million

This funding will be used to construct a new water supply system, a new transmission pipeline to convey raw water, and a new water treatment facility to provide water to the City of Parshall, Mountrail County Rural Water customers and portions of the Fort Berthold Rural Water System. The City of Parshall's existing water intake in Lake Sakakawea has been inoperable on three separate occasions due to low water levels.

Garrison Dam and Power Plant -- \$3.3 million

This funding will be used to replace the existing turbine runners on all five units with new runners designed to improve reliability and maximize efficiency over a broad range of operating conditions. The Garrison Dam and Power Plant produces clean, non-polluting hydroelectric power generation for the region. On average, it generates annual revenues of about \$33.6 million.

55th Street East Grade Separation -- \$950,000

This funding will be used to help construct a grade separation on 55th Street East in Minot. This overpass will help to improve the flow of traffic over the train yard and improve the ability of emergency vehicles to respond to emergencies in the industrial park.

Trinity Health, Rural Radiology Outreach Initiative -- \$809,000

This funding will provide access to the web-based Picture Archiving and Communication (PAC) system by integrating several rural facilities with the system at Trinity Health in Minot. This would provide the same access to digital medical images without each of these facilities purchasing their own PAC system.

Great Plains Autism Project -- \$761,000

This funding will be used to establish a program at Minot State University (MSU) that provides training, research, diagnostic and treatment services for North Dakota children and youth diagnosed with autism spectrum disorders.

MSU Job Corps Program -- \$618,000

This funding will be used to expand MSU's customized master's degree program for Job Corps management personnel. The school will add a multi-track program that allows students to earn a Master of Science in Management or a Master of Science in Information Systems, plus a graduate certificate in Knowledge Management.

Lake Sakakawea Recreation Upgrades -- \$500,000

This funding will be used to maintain recreation when Lake Sakakawea is at low levels. The upgrades include extending boat ramps and improving docks around Lake Sakakawea.

Minot State University Rural Methamphetamine Education Project -- \$500,000

This funding will be used by Minot State University's Rural Methamphetamine Project to continue its successful Mentoring Communities program and to develop law enforcement analysis tools, including a testing kit that will help in analyzing clandestine methamphetamine labs. The Rural Methamphetamine Education Project has reached more than 64,000 North Dakotans about the adverse effects of methamphetamine.

North Dakota Rural Methamphetamine Enforcement and Treatment -- \$200,000

This funding will be used to combat the scourge of methamphetamine in rural North Dakota.

NORTHWOOD AREA

Northwood Downtown Revitalization -- \$665,000

This funding is for the reconstruction of the downtown buildings in Northwood focusing on restoration of the economy for this rural community through new office and retail space while blending the façade into the existing historic structures that survived the tornado of August 2007.

WILLISTON AREA

Williston International Airport -- \$1.9 million

This funding will be used to expand and repair the runway and taxi way at the Williston International Airport. This expansion will greatly enhance safety and reliability of flights in and out of the airport.

Williston Army Corps of Engineers Office Pumping Plant Upgrade -- \$1.7 million

This funding will be used to add an additional generator and pump at the U.S. Army Corps of Engineers' Pumping Plant Station near Williston. The new equipment would protect the city of Williston and surrounding areas from major flooding. The current pumping plant, which was completed in 1961, does not have the capacity needed to protect the growing Williston region.

Mosquito Control -- \$100,000

This funding will provide mosquito control in the city of Williston and the Trenton Indian Service Area. Mosquito control will include controlling water levels behind the existing levee to decrease the mosquito habitat and applying pesticides during breeding periods.

Williston Radar

The bill includes language directing the National Weather Service to maintain operation of the Williston Radar Station, a vital information link providing needed weather warnings that can save the lives of both people and livestock in northwestern North Dakota. The Bush Administration proposed shutting down the Williston Radar System, even though that plan would require residents of the Williston area to rely on Federal Aviation Administration (FAA) radar more than 40 miles away.

FORT YATES AREA

Cannon Ball & Fort Yates Community Streets Expansion Project -- \$1.76 million

This funding will provide access to an already constructed housing expansion area, including earthwork, subgrade improvements, new subbase, curb and gutter, storm sewers, and new pavement surface.

Standing Rock Youth Services Center -- \$1.2 million

This funding will go towards equipping, staffing and operating a youth services facility. The facility will allow youth offenders to be treated on-Reservation by professionals who can address social and behavioral issues that lead to criminal activity among young people on the reservation.

Sitting Bull College System Upgrade for Managing Student Records -- \$238,000

This funding will be used to purchase and implement a Records Management system to improve tracking, reporting and storing of student data. This program will improve and advance Sitting Bull College business practices in the specific areas of admissions, advising, financial aid, registration and overall student life records.

DICKINSON AREA

Richardton Memorial Hospital and Health Center -- \$809,000

These funds will allow Richardton to retain its primary care medical clinic and transition to a skilled nursing or assisted living facility by purchasing equipment and renovating facilities to comply with safety codes.

BELCOURT AREA

Turtle Mountain Community College Nursing Program -- \$476,000

This funding will go towards equipping and expanding the nursing program at Turtle Mountain Community College.

Turtle Mountain Youth Center -- \$475,000

This funding will be used to construct a youth center at the Turtle Mountain Indian Reservation that will provide after-school activities, mentoring, and other opportunities for young people on the reservation.

VALLEY CITY AREA

Baldhill Dam/ Lake Ashtabula -- \$1.3 million

This funding will be used for basic operation and maintenance and dam-related activities at Baldhill Dam on Lake Ashtabula near Valley City. The Bush Administration's Fiscal Year 2009 budget called for a decrease in funding that would have led to reduced levels of service or the closing of some of the recreation and public use areas at Lake Ashtabula.

Valley City Water Treatment Plant, EPA, State and Tribal Assistance Grant -- \$400,000

This funding will assist the city of Valley City in replacing its water treatment plant. This project involves construction of a permanent treatment process, consisting of an ammonia feed system and a disinfection contact basin, for addressing ongoing regulatory compliance challenges related to the Environmental Protection Agency Stage 1 Disinfectants and Disinfection Byproducts Rule.

Valley City State University, Center for Technology and Engineering Education -- \$381,000

The funding will help establish a Center for Technology and Engineering Education that will provide leadership to grow the talent pipeline for inventors and engineers and to increase technological literacy among youth and K-12 teachers.

WASHBURN AREA

City of Washburn Regional Water System Improvements -- \$500,000

This funding will be used to update the water treatment plant in Washburn, North Dakota, to meet new drinking water regulations. The project will also expand the system to include rural users of McLean-Sheridan Rural Water.

Lewis and Clark Legacy Trail -- \$326,563

This funding will be used to build additional recreational nature trails along the Missouri River that would follow the route taken by Lewis and Clark. Currently, eight trail projects are completed and another nine are under construction. This funding will add another trail in Washburn.

DEVILS LAKE AREA

Devils Lake Emergency Water Source Replacement -- \$1.6 million

This funding will help bring a new water supply to the city of Devils Lake, where the current water supply is in jeopardy of being destroyed by the rising Devils Lake covering the water transmission line.

Spirit Lake Elderly Complex -- \$712,500

This funding will be used to help construct 18 one-bedroom units for low income elderly on the reservation. This project would not only provide a model for other North Dakota tribes and rural communities, but would also create a central location for health providers providing services to elders.

WAHPETON AREA

Wahpeton/Breckenridge Flood Control Project -- \$4 million

The funding will help continue construction of the flood control projects in the sister cities of Wahpeton, North Dakota, and Breckenridge, Minnesota.

NDSCS Center for Nanoscience Technology Training -- \$951,000

This funding will be used to continue development of the North Dakota State College of Science (NDSCS) Center for Nanoscience Technology Training. The Center will introduce students to advanced curriculums related to nanoscience.

Nanotechnology Applied Science Laboratory -- \$356,250

This funding will be used to develop a Nanotechnology Applied Science Lab at NDSCS. The lab will serve as a training ground for students enrolled in NDSCS's two-year Nanoscience Technician program that trains students for jobs in the region's growing nanoscience and high-tech industries.

MULTI-JURISDICTIONAL and STATEWIDE PROJECTS**Garrison Diversion -- \$70 million**

This funding will compensate North Dakota for land lost from the dam's construction and to help in the construction of a number of priority water projects in tribal and non-tribal communities.

Rural Empowerment Zones -- \$8.13 million

This funding will support rural economic development activities in North Dakota's Griggs-Steele Empowerment Zone and other Round II Rural Empowerment Zones and Enterprise Communities across the country. The Griggs-Steele Empowerment Zone has focused its economic development strategies on advanced technologies, wind energy development and value-added agriculture. Since its designation, Griggs-Steele Empowerment Zone has retained or created more than 300 jobs and leveraged \$32 million in private and public funds.

North Dakota Transit Systems -- \$1.9 million

This funding will be used to improve transit systems in North Dakota's four largest cities, as well as the 29 rural transit systems that operate in all 53 counties. The transit systems will use the funding to replace rural transit buses, vans, and paratransit vehicles, purchase accessible vans and new buses for added routes, and construct needed rural transit bus garages.

Energy Workforce Western North Dakota Higher Education Consortium -- \$1.8 million

This funding will be used by Bismarck State College, Williston State College, Minot State University and Dickinson State University in a collaborative project to help address the growing need for skilled energy workers due to the rapid expansion of oil drilling and production in the Williston Basin.

NDSU/Dickinson State University Wildlife Disease Surveillance -- \$1.32 million

This funding will be used to continue a joint Dickinson State University-North Dakota State University project to enhance the capability to quickly diagnose and respond to a potential disease outbreak in the U.S. agricultural food chain. As a result of past funds, North Dakota is certified to respond to cases of avian influenza, exotic Newcastle disease, foot and mouth disease, and classical swine fever (CSF).

Burke, Divide & Williams (BDW) Water System Association, Inc. -- \$500,000

The funding will be used to upgrade the water treatment plant in Crosby, North Dakota, and install additional distribution lines to serve the nearby communities of Noonan, Columbus, and Fortuna, whose current water supply has high levels of arsenic, sodium, and dissolved solids.

Missouri River Restoration -- \$287,000

This funding will be used to implement projects to control and mitigate the build-up of sediment along the Missouri River in North Dakota. Sediment build-up threatens drinking water supplies, causes flooding, and endangers fishing, boating, and other water-based activities in communities along the river, particularly in Bismarck/Mandan and Williston.

Crop Damage Reduction -- \$265,000

This funding will be used by USDA to develop new techniques and refine current methods aimed at reducing the damage to sunflowers caused by blackbirds. Blackbird damage costs sunflower growers in North Dakota, South Dakota and Minnesota about \$10 million annually.

Community Health Center Electronic Medical Record Implementation -- \$190,000

This funding will support the implementation of Electronic Medical Records as a tool to improve quality of health care provided in the North Dakota Community Health Centers (CHC) and to improve individual and population health for the areas they serve in the state.

Bison Purchase for Food Distribution on Reservations

The bill includes language recommending that the USDA purchase bison meat from Native American producers and cooperative organizations for its Food Distribution Program on Indian Reservations. The program benefits low-income Native American families and elderly living on or near Indian reservations.